

**SUMMARY TABLE OF LEGISLATIVE ACTIVITY IN OTHER STATES
DISCHARGES FROM COMMERCIAL PASSENGER VESSELS AND/OR OTHER VESSELS**

STATE	EXISTING AUTHORITY					PROPOSED AUTHORITY			
	Registration Program	Significant approval authority and/or compliance oversight	Federal No Discharge Zones (NDZ)	Voluntary MOU	Other recent legislation (in past year)	Registration Program	Significant approval authority and/or compliance oversight	Federal No Discharge Zones (NDZ)	Other initiatives
ALASKA	Yes	Yes		Yes ¹					Citizen petition ²
HAWAII				Yes			Yes ³		
WASHINGTON						Yes ⁴	Yes ⁴		
FLORIDA			Yes	Yes ⁵					Key West ⁶
CALIFORNIA			Yes		Yes ⁷				
MAINE		Yes						Yes	Yes
Coastal states with NDZs along part or all of coast: California, Florida, Maryland, Massachusetts, New York, Rhode Island (all of coast).									
Coastal states with proposed NDZs (part of coast): New Hampshire and Connecticut.									

¹ (Alaska) Voluntary no discharge area in Glacier Bay

² (Alaska) Legislation by citizen petition. Received enough signatures to proceed, but denied upon legal review because contained more than one issue. Among other things, would have required a waste discharge license for the discharge of graywater or treated sewage. (OCCRUIZ)

³ (Hawaii) (proposed legislation) -- multiple bills (carry over, being worked currently). Highlights:

--Establish standards for the discharge of treated sewage, graywater, other wastewater, and air emissions from cruise ships and commercial passenger vessels into the marine waters of the State. Prohibits the discharge of untreated sewage from commercial passenger vessels into the marine waters of the State. Provides for recordkeeping and monitoring. Passage with amendments recommended. (HB1982, SB3116)

--Establish commercial passenger vessel environmental compliance program on the discharge of effluents. (HB201 HD1). Carried over to 2004 regular session. (HB201, SB485) (HB 21990, 2476)

⁴ (Washington) Establish registration program, permit to discharge, fees, monitoring, enforcement, etc. Being worked currently. (HB2549)

⁵ (Florida) With Florida-Caribbean Cruise Association (FCCA).

⁶ (Key West, Florida) Recommendations being considered (local).

⁷ (California) Prohibits release of sewage sludge and oily bilgewater (AB 121); air issues (held under submission) (471); large passenger vessels--prohibits discharge of hazardous waste, medical waste, dry cleaning chemicals, photography lab chemicals to marine waters; 24 hour reporting and (906).

See website for bill texts and status. Look under "other states". <http://www.state.me.us/dep/blwq/topic/vessels/reference.htm>

**SUMMARY TABLE OF POLLUTANT LOADING FOR CASCO BAY
COMPARISON OF 2003 DATA FROM DIFFERENT SOURCES**

Source	Location	Flow in millions of gallons per day (mgd)	Bacteria in colonies per day X 1,000,000	Phosphorus Pounds/day (lbs/day)	Nitrogen lbs/day	Biochemical Oxygen Demand (BOD5) lbs/day	#Events	Total volume (mgd)
Publicly Owned Treatment Works (POTW)	South Portland	9.3	5291	272	1165	2340		
POTW	Portland	19.8	11266	578	2481	4982		
POTW	Portland Peaks	0.2	114	6	25	50		
POTW	Falmouth	1.56	888	46	196	393		
POTW	Yarmouth	1.31	745	38	164	330		
POTW	Freeport	0.75	427	22	94	189		
Total pollutants from POTWs		32.92	18731	962	4125	8284		
	Assumptions:		15 col/100ml	3.5 mg/L	15 mg/L	30 mg/L		
	Source: license limits for POTWs, discharging at maximum volume at license limits							

Combined Sewer Overflow (CSO)	South Portland (8 events)	8.83/event	Too Numerous To Count (TNTC)	average 258 lbs/event	average 368 lbs/event	average 2508 lbs/event	141	1245
	Portland (34 events)	.409/event	TNTC	average .25 lbs/event	average 161 lbs/event	average 117 lbs/event	11	4.5
	Yarmouth (1 event)	0	0	0	0	0	0	0
Total from CSOs during storms		9.23/event	TNTC	258 lbs/event	529 lbs/event	2625 lbs/event	152	1249.5
	Assumptions		2.0X10x6	3.5 mg/L	5 mg/L	34 mg/L		
	Source: sample data from POTWs from 2001							

Commercial Passenger Vessels	Flow in mgd	Bacteria in colonies per day X 1,000,000	Phosphorus (lbs/day)	Nitrogen lbs/day	BOD lbs/day
Small (Under 250 passengers discharging at limits)	0.007	5306 @ 1000 col/100ml	NA	NA	8.73 @ 150mg/L
Large (Over 250 passengers discharging at limits)	0.25	190,000 @200 col/100ml	NA	NA	313 @ 150mg/L
Small (actual)	0.007	77,000 @2872 col/100ml from Alaska (2000-2002)	NA	NA	0.7 @12 mg/L from Alaska (2000-2002)
Large (actual)	0.25	TNTC @3275 col/100/ml from Alaska (2000-2002)	11 5.27 mg/L from Alaska (2000-2002)	80.6 38.6 mg/L from Alaska (2000-2002)	71,491 @185 mg/L from Alaska (2000-2002)

